VORTEX

IB839-EHT

5MP Bullet Camera

Technical Specifications
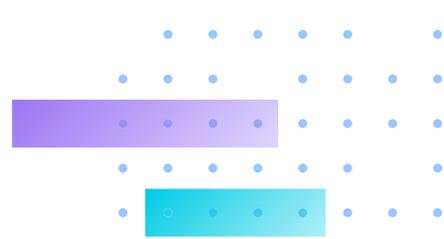
Camera Features

Image sensor	1/2.7" Progressive CMOS
Resolution	SD: 1280 x 960 HD: 2560 x 1920
Lens Types	Motorized, Vari-focal, Remote Focus
Focal Length	f= 2.8 ~ 10 mm
Aperture	F1.8(W) ~ F2.74(T)
Iris	Fixed iris
Field of View	95°~41° (Horizontal) 69°~31° (Vertical) 127°~51° (Diagonal)
Camera Movement	Tilt: 90° Rotate:180°
Shutter Speed	1/5 sec. to 1/32,000 sec.
Day/Night	Yes
IR Cut Filter	Yes
IR Range	30 meters
WDR Technology	WDR Pro
Minimum Illumination	0.06 lux @ F1.8 (Color) 0.01 lux @ F1.8 (B/W) 0 lux with IR illumination on
Onboard Storage	MicroSD/SDHC/SDXC card slot (Built-in 256GB industrial SDCard)

Standard Video Settings

Frame Rate	15FPS
Video Streaming Settings	HD Video 2560 x 1920@15fps 1.2Mbps upload SD Video 1280 x 960@15fps 300Kbps upload

Standard Audio Settings

Audio	-
Interface	-
Effective Range	-

Power and Network

Power input	IEEE 802.3af PoE Class 0
Power Consumption	Max: 12.95W (IR on) Max: 9.95W (IR off) Max: 12.95 W (Heater on) Max: 10.55 W (Heater off)
Connectivity	RJ-45 cable connector for 10/100 Mbps PoE network connection
RTSP	WebRTC, ARP, DHCP, DNS, HTTP, HTTPS, ICMP, IPv4, IPv6, NTP, QoS (CoS/DSCP), RTSP/RTP/RTCP, SSL, TCP/IP, TLS 1.2, UDP
Users	Up to 6 clients *Live viewing for 6 clients *live viewing up to 4 clients and playback 2 clients)
Security	Secure boot Signed firmware HTTPS/TLS encryption Video encryption
Interface	10 Base-T/100 Base-TX Ethernet (RJ-45) *It is highly recommended to use standard CAT5e & CAT6 cables which are compliant with the 3P/ETL standard.

General

Operating Temperature	Starting Temperature: -30°C ~ 50°C (-22°F ~ 122°F) Working Temperature: -40°C ~ 60°C (-40°F ~ 140°F) (IR off) -40°C ~ 50°C (-40°F ~ 122°F) (IR on)
Humidity	98% RH (non-condensing)
Certifications	EMC: CE (EN55032, EN55024 Class A, EN50121-4), FCC (FCC Part 15 Subpart B Class A), RCM (AS/NZS CISPR32 Class A), VCCI (VCCI-CISPR 32 Class A); Safety: UL (UL62368-1), CB (IEC/EN 62368-1, IEC/EN 60950-22, IEC/EN 62471); Environment: IK10 (IEC 62262), IP66 (IEC 60529)
Warranty	Up to 10 years (Depends on license type)
Included Accessories	Quick installation guide, alignment sticker, screw pack

Mechanical

Weight	1kg
Dimensions	Ø 88 x 308 mm
Body	Metal

AI Analytics

Audio detection	-
Tampering detection	Yes
Application	Intrusion detection, Line crossing detection, Loitering detection, Unattended object detection, Missing object detection
AI Hub with xPro License	Deep search, Scene search, Think search, Event insight
Application available with license	-